



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 11851447
SAU: Winthrop Public Schools
School: Winthrop Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

SUMMARY OF SCORES

Test Date: March 2008

Grade: 7

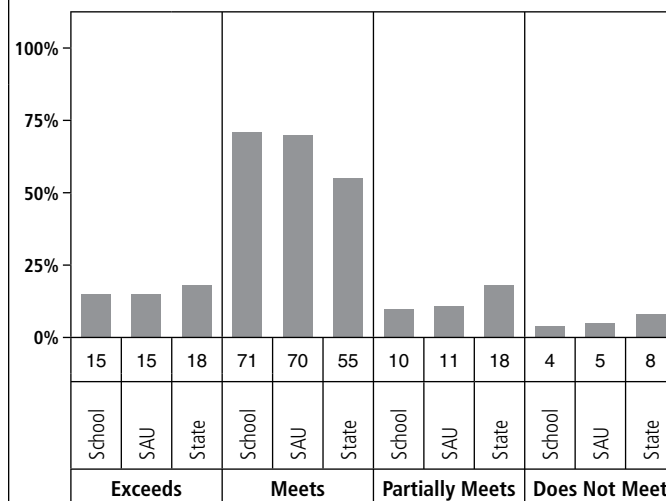
SAU: Winthrop Public Schools

School: Winthrop Middle School

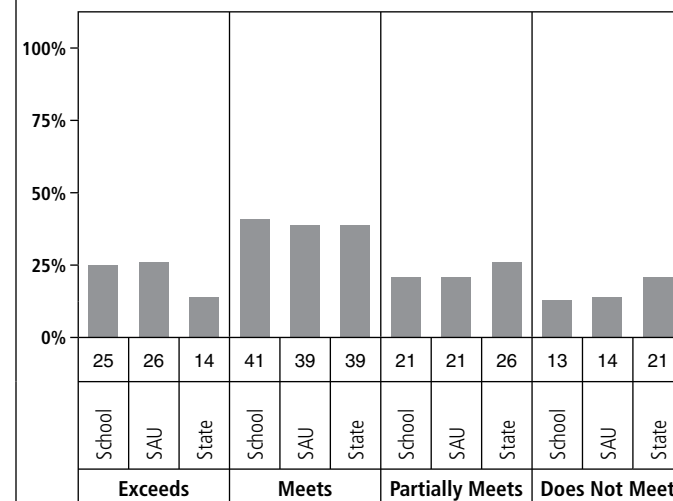
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	744	744	745
2006–2007	749	749	748
2007–2008	752	752	750
Cum. Avg. *	748	748	748
Mathematics			
2005–2006	743	743	740
2006–2007	747	747	742
2007–2008	749	749	743
Cum. Avg. *	746	746	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008

Grade: 7

SAU: Winthrop Public Schools

School: Winthrop Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	69	100	67	100	14818	100	68	99	66	99	14698	99	68	99	66	99	14694	99						
Ethnicity African American/Black	0	0	0	0	381	3	0	0	0	0	372	98	0	0	0	0	375	99						
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99						
Asian or Pacific Islander	1	1	1	1	219	1	1	100	1	100	213	97	1	100	1	100	217	99						
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100						
Caucasian/White	68	99	66	99	13927	94	67	99	65	98	13825	99	67	99	65	98	13813	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	9	13	9	13	2556	17	9	100	9	100	2508	99	9	100	9	100	2497	98						
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99						
Economically disadvantaged	25	36	24	36	5461	37	24	96	23	96	5408	99	24	96	23	96	5406	99						
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	60	87	58	87	12195	82	60	87	58	87	12215	82						
Identified disability (PET/IEP)	1	2	1	2	418	3	1	2	1	2	421	3						
LEP	0	0	0	0	183	2	0	0	0	0	183	1						
504 plan	2	3	2	3	181	1	2	3	2	3	182	1						
Participation with accommodations	8	12	8	12	2320	16	8	12	8	12	2303	16						
Identified disability (PET/IEP)	8	100	8	100	1912	82	8	100	8	100	1900	83						
LEP	0	0	0	0	159	7	0	0	0	0	173	8						
504 plan	0	0	0	0	56	2	0	0	0	0	55	2						
Other	0	0	0	0	244	11	0	0	0	0	226	10						
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	176	1						
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100						
LEP	0	0	0	0	5	3	0	0	0	0	4	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0						
Non-participation – other	1	1	1	1	93	1	1	1	1	1	96	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: Winthrop Public Schools
School: Winthrop Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	2	3	2	3	1769	11
	2006-2007	7	13	7	13	2630	18
	2007-2008	10	15	10	15	2604	18
	Cum. Total*	19	10	19	10	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	41	58	41	58	7521	49
	2006-2007	36	64	34	64	7605	51
	2007-2008	48	71	46	70	8049	55
	Cum. Total*	125	64	121	64	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	19	27	19	27	3773	24
	2006-2007	10	18	10	19	3000	20
	2007-2008	7	10	7	11	2672	18
	Cum. Total*	36	18	36	19	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	9	13	9	13	2399	16
	2006-2007	3	5	2	4	1620	11
	2007-2008	3	4	3	5	1190	8
	Cum. Total*	15	8	14	7	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	37.0	66.1	36.9	65.9	35.3	63.0
Literary Text	28	50	17.6	62.9	17.5	62.5	17.3	61.8
Informational Text	28	50	19.4	69.3	19.4	69.3	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Winthrop Public Schools
 School: Winthrop Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	68	10	15	48	71	7	10	3	4	752	66	15	70	11	5	752	14515	18	55	18	8	750
Ethnicity																						
African American/Black	0										0						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	1										1						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	67	10	15	47	70	7	10	3	4	752	65	15	69	11	5	752	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	4	44	2	22	3	33	737	9	0	44	22	33	737	2330	2	30	36	32	735
No	59	10	17	44	75	5	8	0	0	754	57	18	74	9	0	754	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	68	10	15	48	71	7	10	3	4	752	66	15	70	11	5	752	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	24	2	8	20	83	1	4	1	4	752	23	9	83	4	4	751	5299	9	51	26	14	745
No	44	8	18	28	64	6	14	2	5	752	43	19	63	14	5	752	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	68	10	15	48	71	7	10	3	4	752	66	15	70	11	5	752	14514	18	55	18	8	750
Gender																						
Female	29	7	24	20	69	2	7	0	0	756	28	25	68	7	0	756	7084	24	55	15	6	752
Male	39	3	8	28	72	5	13	3	8	748	38	8	71	13	8	748	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	68	10	15	48	71	7	10	3	4	752	66	15	70	11	5	752	13569	19	56	17	8	750
Gifted/talented program																						
Yes	15	7	47	8	53	0	0	0	0	762	14	50	50	0	0	762	574	61	38	1	0	765
No	53	3	6	40	75	7	13	3	6	749	52	6	75	13	6	749	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: Winthrop Public Schools
School: Winthrop Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	7 40 47 6	0 1 7 2	0 4 22 50	1 21 24 2	20 78 75 50	1 5 1 0	20 19 3 0	3 0 0 0	60 0 0 0	731 751 755 757	8 41 45 6	0 4 23 50	20 78 73 50	20 19 3 0	60 0 0 0	731 751 755 757	6 50 40 4	9 17 20 19	42 56 58 49	24 19 16 21	25 8 6 11	741 750 752 749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	63 29 6 1	8 2 0 0	19 10 0 0	32 14 2 0	74 70 50 0	3 3 1 0	7 15 25 0	0 1 1 1	0 5 25 100	754 750 744 714	64 29 6 2	19 11 0 0	74 68 50 0	7 16 25 0	0 5 25 100	754 749 744 714	36 50 11 3	24 16 13 4	58 58 45 35	14 19 26 29	5 8 16 31	753 749 745 737
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	37 38 21 4	6 3 1 0	24 12 7 0	15 19 11 3	60 73 79 100	2 3 2 0	8 12 14 0	2 1 0 0	8 4 0 0	753 752 749 753	36 39 20 5	25 12 8 0	58 73 77 100	8 12 15 0	8 4 0 0	753 752 750 753	28 52 18 2	35 15 3 2	52 60 49 41	9 18 33 28	5 7 15 29	756 750 742 738
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	5 67 29	1 4 5	33 9 26	1 36 11	33 82 58	1 3 1	33 7 5	0 1 2	0 2 11	751 752 753	5 67 28	33 9 28	33 81 56	33 7 6	0 2 11	751 752 753	16 65 19	13 18 21	48 57 57	23 18 16	16 7 6	745 750 752
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	3 50 47	0 1 9	0 3 29	0 28 19	0 85 61	1 3 2	50 9 6	1 1 1	50 3 3	734 749 756	3 50 47	0 3 30	0 84 60	50 9 7	50 3 3	734 749 756	9 55 36	5 14 28	38 57 58	29 22 10	28 7 4	738 748 755
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	48 48 3	5 5 0	16 16 0	24 21 2	75 66 100	2 4 0	6 13 0	1 2 0	3 6 0	752 752 754	47 50 3	17 16 0	73 66 100	7 13 0	3 6 0	752 752 754	44 51 5	18 19 9	56 56 46	18 17 26	8 7 19	750 751 743
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	16 49 19 16	2 5 2 1	18 15 15 9	9 23 8 8	82 70 62 73	0 3 3 1	0 9 23 9	0 2 0 1	0 6 0 9	754 752 753 749	14 50 20 17	22 15 15 9	78 70 62 73	0 9 23 9	0 6 0 9	754 752 753 749	17 45 13 24	25 22 14 8	57 56 56 53	13 16 21 26	6 6 9 13	753 752 748 745
Optional school/SAU question A. B. C. D.	0 67 33 0	 1 0 	 50 0 	 1 1 	 50 100 	 0 0 	 0 0 	 0 0 	 0 0 	 764 748 	 0 67 33 0	 50 0 	 50 100 	 0 0 	 0 0 	 764 748 	 	 	 	 	 	

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: Winthrop Public Schools
School: Winthrop Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	12	17	12	17	1646	11
	2006-2007	13	23	12	23	2142	14
	2007-2008	17	25	17	26	2028	14
	Cum. Total*	42	22	41	22	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	30	42	30	42	5497	36
	2006-2007	21	38	20	38	5642	38
	2007-2008	28	41	26	39	5703	39
	Cum. Total*	79	41	76	40	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	16	23	16	23	4514	29
	2006-2007	17	30	17	32	4077	27
	2007-2008	14	21	14	21	3733	26
	Cum. Total*	47	24	47	25	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	13	18	13	18	3797	25
	2006-2007	5	9	4	8	3001	20
	2007-2008	9	13	9	14	3054	21
	Cum. Total*	27	14	26	14	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	9.4	58.8	9.4	58.8	8.8	55.0
Cluster 2: Shape and Size	14	25	6.4	45.7	6.4	45.7	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	4.5	56.3	4.5	56.3	3.5	43.8
Cluster 4: Patterns	18	32	9.8	54.4	9.7	53.9	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lslalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008

Grade: 7

SAU: Winthrop Public Schools

School: Winthrop Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	68	17	25	28	41	14	21	9	13	749	66	26	39	21	14	749	14518	14	39	26	21	743
Ethnicity																						
African American/Black	0										0						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	1										1						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	67	16	24	28	42	14	21	9	13	749	65	25	40	22	14	749	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	2	22	3	33	4	44	728	9	0	22	33	44	728	2321	2	16	26	55	727
No	59	17	29	26	44	11	19	5	8	752	57	30	42	19	9	752	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	68	17	25	28	41	14	21	9	13	749	66	26	39	21	14	749	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	24	5	21	10	42	5	21	4	17	747	23	22	39	22	17	747	5301	5	31	31	33	736
No	44	12	27	18	41	9	20	5	11	750	43	28	40	21	12	750	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	68	17	25	28	41	14	21	9	13	749	66	26	39	21	14	749	14517	14	39	26	21	743
Gender																						
Female	29	7	24	11	38	8	28	3	10	749	28	25	36	29	11	749	7086	14	40	26	20	743
Male	39	10	26	17	44	6	15	6	15	749	38	26	42	16	16	749	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	68	17	25	28	41	14	21	9	13	749	66	26	39	21	14	749	13572	15	40	25	20	743
Gifted/talented program																						
Yes	15	9	60	6	40	0	0	0	0	763	14	64	36	0	0	764	575	64	31	3	1	765
No	53	8	15	22	42	14	26	9	17	745	52	15	40	27	17	745	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: Winthrop Public Schools

School: Winthrop Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	0	0	2	40	3	60	719	8	0	0	40	60	719	6	7	29	26	37	734
B. less than one hour	40	7	26	10	37	4	15	6	22	748	41	26	37	15	22	748	50	13	39	26	22	742
C. one to two hours	47	9	28	16	50	7	22	0	0	755	45	30	47	23	0	755	40	15	42	26	17	744
D. more than two hours	6	1	25	2	50	1	25	0	0	752	6	25	50	25	0	752	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	34	4	17	13	57	4	17	2	9	751	35	17	57	17	9	751	32	21	40	23	16	747
B. They match some of what I have learned.	53	10	28	12	33	9	25	5	14	749	52	29	29	26	15	749	50	12	42	27	19	743
C. They match just a little of what I have learned.	12	3	38	3	38	1	13	1	13	750	12	38	38	13	13	750	15	7	32	31	30	737
D. There is no match.	1	0	0	0	0	0	0	1	100	700	2	0	0	0	100	700	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	28	10	53	6	32	2	11	1	5	757	29	53	32	11	5	757	25	34	42	13	11	753
B. good	43	6	21	18	62	3	10	2	7	752	41	22	59	11	7	751	47	10	45	27	18	743
C. fair	24	1	6	4	25	6	38	5	31	739	24	6	25	38	31	739	23	3	30	36	32	735
D. poor	6	0	0	0	0	3	75	1	25	735	6	0	0	75	25	735	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	31	4	19	7	33	5	24	5	24	743	32	19	33	24	24	743	36	6	38	29	27	738
B. about the same as my regular schoolwork	49	7	21	16	48	6	18	4	12	750	47	23	45	19	13	749	53	13	42	27	18	744
C. easier than my regular schoolwork	21	6	43	5	36	3	21	0	0	757	21	43	36	21	0	757	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	54	11	31	16	44	5	14	4	11	752	54	31	43	14	11	752	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	43	6	21	11	38	7	24	5	17	746	43	21	36	25	18	746	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	1	50	1	50	0	0	745	3	0	50	50	0	745	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	14	4	44	3	33	1	11	1	11	752	14	44	33	11	11	752	9	15	37	25	23	742
B. two or three days a week	27	3	17	8	44	4	22	3	17	746	27	18	41	24	18	746	20	13	41	26	20	743
C. two or three times each month	23	4	27	3	20	5	33	3	20	745	23	27	20	33	20	745	30	15	40	27	18	744
D. never or almost never	36	6	25	13	54	3	13	2	8	753	36	26	52	13	9	753	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	22	5	33	7	47	2	13	1	7	756	23	33	47	13	7	756	20	17	39	23	22	744
B. two or three days a week	51	7	20	18	51	5	14	5	14	749	50	21	48	15	15	749	29	16	40	25	19	744
C. two or three times a month	19	5	38	3	23	3	23	2	15	748	20	38	23	23	15	748	26	13	40	28	20	743
D. never or almost never	7	0	0	0	0	4	80	1	20	729	8	0	0	80	20	729	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	1	25	1	25	1	25	1	25	742	6	25	25	25	25	742	8	7	32	26	35	736
B. 30–45 minutes	43	10	34	12	41	2	7	5	17	751	43	36	39	7	18	750	41	12	38	27	23	741
C. 45–60 minutes	33	4	18	8	36	8	36	2	9	747	34	18	36	36	9	747	41	17	42	24	16	745
D. more than 60 minutes	18	2	17	7	58	2	17	1	8	753	17	18	55	18	9	753	10	15	38	25	22	743
Optional school/SAU question																						
A.	0										0											
B.	67	1	50	1	50	0	0	0	0	762	67	50	50	0	0	762						
C.	33	0	0	0	0	1	100	0	0	738	33	0	0	100	0	738						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number